

A Simple Method for Increasing the Antibiotic
Activity of Actinomycetes Under Conditions of
Surface Growth, by M. I. Nakhimovskaya, N. N.
Ostrovskaya, L. I. Yarmolenko, and L. P. Ivanitskaya,
3 pp.

RUSSIAN, per, Mikrobiol, Vol XXVII, no 3, 1958,
pp 387-389.

Amer Inst of Biol Sci

ATS. RJ. 5262

Sci - Biology
Feb 59

81, 633

A Simple Method for Increasing the Antibiotic
Activity of Actinomycetes Under Conditions of
Surface Growth, by M. I. Nakhimovskaya, N. N.
Ostrovskaya, L. I. Yermolenko, and L. P. Ivenitskaya,
3 pp.

RUSSIAN, per, Mikrobiol, Vol XXVII, No 3, 1958,
pp 387-389.

Amer Inst of Biol Sci

Sci - Biology
Feb 59

81, 633

The Action of Penicillin on Certain Actinomycetes, by
M. I. Kakhimovskaya, N. M. Ostrovalmya, A. G.
Bakrinskaya, 6 pp.

RUSSIAN, biochem, Mikrobiol, Vol XXVI, No 1,
Jan/Feb 1957, pp 87-91.

Amer Inst of Biol Sci

Sci - Biology
Nov 57

55, 688

Repeated Desensitizing Vaccination Against
Tuberculosis with BCG, by L. E. Makhimaon, E. F.
Gnevysheva, 5 pp.

RUSSIAN, per. Zhur Mikrobiol. Epidemiol. i
Immunobiol., Vol ~~XXXVIII~~ XXVIII, No 7, 1957, pp
23-27.

Pergamon Inst

Sci - Med
Nov 58

76,674

Source of information for Radiation: Vulcanization
and Synthesis of Elastomers, by F. A. Nakhls, p. .
Krieger, J. H.
Radiation, J. H., Monomers & Resins, No 6, 1964, pp 10-15.
AD61 1-7781
10 2506 03400

Set 2-10-1944
Unit 6.0

The Effect of Bond Multiplicity on the
Kinetics of Hydrogenation of Polyacetylenic
Hydrocarbons, by I. V. Kaleshite,
A. S. Malkmanovich, et al, 8 pp.
RUSSIAN, per, Kinetika i Kataliz, Vol IV, N. 3,
1963, pp 395-403.
CB

Set

Aug 64

2,436

Study of the Pentose Hydrolysis of Corn cob Cores, by
B. M. Naklivanovich, 5 pp.

RUSSIAN, per, Zhur Prii Khim Vol XXXI, No 10,
1958, pp 1572-1577.

CB

Sci - Chem
Nov 59

100,985

Fermentation of Calcium Salts of Acetic and
Butyric Acids by *Clostridium Acetobutylicum*, by
B.M. Nakhmanovich, N.A. Sheheblykina, 4 pp.

RUSSIAN, per, Mikrobiologiya, Vol XXIV, No 1,
1960, pp 57-72.

ATES

Sci
Dec 60

134,740

Fermentation of Pentoses of Corn Cob Hydrolysates
by *Clostridium Acetobutylicum*, by B. M. Nakhmanovich,
N. A. Shcheklyk et al., 6 pp.

RUSSIAN, per, Mikrobiolog, Vol XXVIII, No 1, 1959,
pp 99-104.

Amer Inst of Biol Sci

Sci - Biol

Sep 59

96,820

Study of the Chemical Composition of Cobs From
Various Types of Corn as a Pentosan-Containing
Raw Material, by M B. M. Nakhmanovich, N. A.
Shcheblykin, 3 pp.

RUSSIAN, per, Zhur Prii Khim, Vol XXXIII, No 2,
1960, pp 482, 483.

CB

Sci
Apr 61

147,667

a, Fermentation of Mixtures of Pentose-Hexose Hydrolyzates
from Plant Wastes and Molasses by Butanol-Forming
Bacteria, by V.V. Lipshits, B.M. Nakhmanovich, V.V.
Senkevich, 4 pp.

RUSSIAN, per, Mikrobiologiya, Vol XXX, No 2, 1961,
pp 323 - 327.

AIRS

200, 640

sci
Apr 62

A Study of the Continuous Acetone Butylic
Fermentation Caused by Clostridium Acetobutyl-
icum, by V. L. Yarovenko, B. M. Nakhmanovich,
N. P. Sheheblykin, et al, 5 pp.

RUSSIAN, per, Mikrobiol, Vol XXIX, No 4, 1960,
pp 581-586.

AIBS

Sci

153, 233

Jun 61

fermentability of Raffinose by Yeast Race 'YA'
Alcoholic Fermentation of Molasses, by
L. V. Kochkina.

ISSN, per, Biokhimiya, Vol XVI, No 6, p 522, 1951.

Sci Museum Lib No 52/2534
DSIR Reading Lib. Th. 4. 110

SR

Subject - Chemistry, fermentability, raffinose, yeast,
molasses

A-5551

Short Cut Method for Detection of
Microbacterium Tuberculosis in the Cerebrospinal
Fluid, by K. V. Shmaliy, G. L. Nakhmanson, 8 p.

RUSSIAN, per, S'yezda Varchey-Pediatr, II. Trudy,
1956, pp 231-234.

BLA 59-14873

Sci
Jan 60
Vol 2, No 9

106,003

(DC-5395)

Results of a New Soviet Method of Tea Processing
Under Chinese Conditions, by F. G. Nakhmedov, 10 pp.

RUSSIAN, per, Subtropicheskiye Kul'tury, No 4,
1960, pp 27-31.

JPRS 8021

FE - China
Econ

148,906

Apr 61

Apparatus for Intracellular Derivation of Electrical Potentials, by L. G. Nakhodkina, S. A. Yevlakhinov,
3 pp

RUSSIAN, per, Fiziol Zhur SSSR Imeni I. M. Sechenova, Vol XLV, No 6, 1959, pp 716, 717

Pergamon Press

Sci

Feb 60

109,313

Energy Distribution of Secondary Electrons and
Photoelectrons Excited by Soft X-Rays, by
N. G. Nakhodkin, P. V. Mel'nik, 5 pp.

RUSSIAN, per, Fizika Tverdogo Tela, Vol V, No 9,
1963, pp 2441-2447.

Amer Inst of Phys
Sov Phys - Solid State
Vol V, No 9

Sci
Apr 64

254,537

344, 255
Electron Scattering during Transmission through Thin
Films

By N.G. Nakhodkin, A.A. Ostroukhov pp5

RUSSIAN, per, Fizika Tverdogo Tela, Vol V, No 2,
1963, pp41-47

Amer Inst of Phys
Sov Phys - Solid State
Vol V, No 1

Sci

Sci 62

344, 257

An Instrument for Studying Dependence of Electrical Properties of Thin Condensation Films Upon Their Thickness, by N. G. Nakhodkin, V. P. Nemtsev, 3 pp.

RUSSIAN, per, Priory i Tekh Eksper, No 4, 1961, pp 113-115.

ISA

198,357

Sci

Jun 62

Electronic Properties of Thin Germanium Films, by
N. G. Nalchodkin, V. P. Nemtsev, 6 pp.

RUSSIAN, per, Radiotekh i Elektren, Vol V, No 10,
1960, pp 1669-1671.

PP

Sci

Aug 61

167, 614

Effect of Oxygen on the Electrical Properties of
Oxide Cathodes at Low Pressures, by N. G. Nakhodkin,
G. A. Zykov, 5 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol. III, No 5.
1961, pp. 1436-1444.

AIP
Sov Phys - Solid State
Vol. III, No 5

Sci

Mar 62

189,106

The Influence of Certain Ions on the Emission of
Oxide Cathodes, by G. A. Izkov, N. G. Makhodkin,
14 pp.

RUSSIAN, per, Radiotek i Elektron, Vol III, No 8, 1958
pp 1031-1040.

Pergamon Press

Sci
Aug 59

95,000

Influence of Oxygen at Low Pressure on the Emission of
an Oxide-Coated Cathode, by A. E. Kulik, N. G. Nekhodkin,
1 pp.

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Fiz, Vol XX,
No 10, Oct 1956, pp 989-996. 10 96 - 1114.

Columbia Tech

Sci - Physics

56,479

Dec 57

Electron Inelastic Scattering in Thin Films
By N. G. Nakhodkin and A. A. Ostroukhov pp 8

RUSSIAN, per, Fiz Tverdogo Tela, Vol IV, No 6, 1962
pp 1514-1524

Amer Inst of Phys
Sov Phys - Solid State
Vol IV, No 6

Sci

Jun 63

341, 099

~~SECRET~~
Kinetics of the Motion of Electrons in Solids Excited
by Soft X-Rays, by N. J. Nakhodkin, P. V. Mel'nik, 6 pp.

RUSSIAN, par, Radiotekhnika i Elektronika, No 2, 1963.

1250

Sci
Dec 63

244,000

~~SECRET~~

Kinetics of Electron Motion in Secondary Emission
From Thin Metal and Semiconductor Films, by
N. G. ~~Malchukhin~~, V. A. Romanovskiy, 13 pp.

RUSSIAN, per. Radiotekh i Electron, Vol 8, No 8,
1960, pp. 1275-1283.

PF

Sci

Jul 61

167,360

Investigation of the Structure and Properties of
Ge, Cr and Bi Films Tapering in Thickness in
Connection with Their Secondary Emission
Emission Characteristics, by N. G. Nakhodkin,
A. I. Novosel'skaya, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXII,
No 4, 1958, pp 449-456.

Columbia Tech

Sci - Phys, Electron

Jun 59

88, 691

Electroconductivity of the Oxides of Group II
Metals of Mendeleev's Periodic System, by A. P.

Nakhodnova,

RUSSIAN, per, Zhur Fiz Khim., Vol XXX, No 7,
1956, pp. 1469-1472 9093015

Morris D. Friedman-N101
\$2.50

Sci
Aug 58

Relationship Between the Electrical Properties of
Ionic Compounds of Group II Elements and the Energy
of Interaction Loss in a Crystalline Lattice, by
A. P. Malozemov, 13 pp.
RUSSIAN: per. A. I. Iosad, Politskii Institut, Vol XCI,
1956, pp 209-218. 9229474
DEC-4 1956-17-490

Sci-Five
Jul 64

265,000

Handwritten text, possibly a title or address, including the number 84.

A. P. Nakhodova

Handwritten text, possibly a date or signature.

Handwritten text, possibly a date or signature.

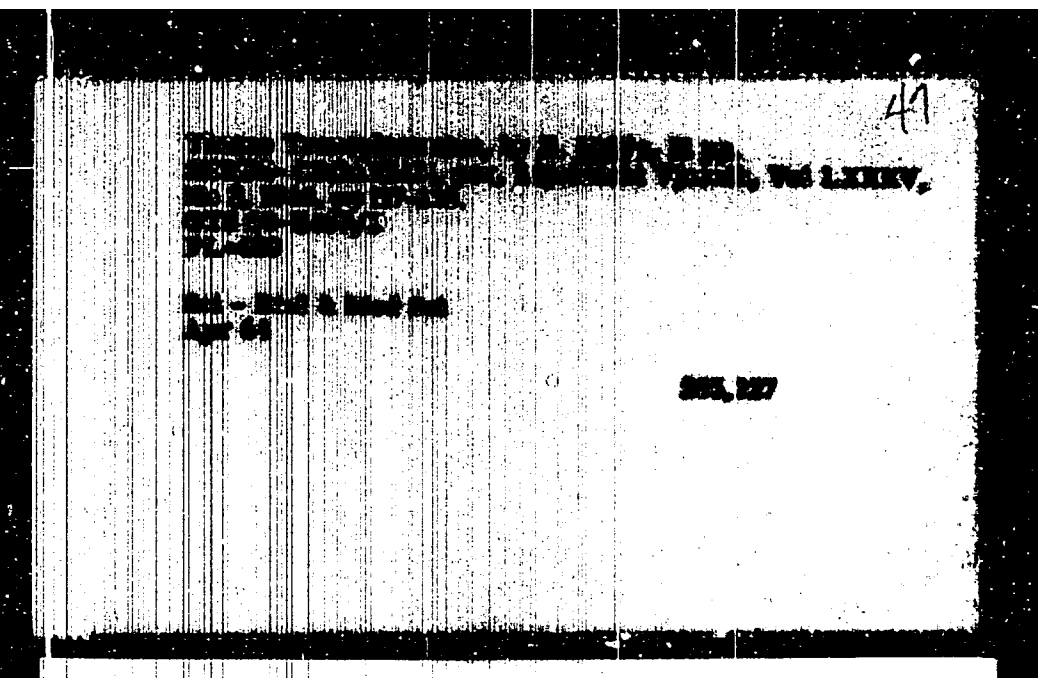
Necessity for Preflight Medical Examination, by
N. N. Bakhtadze. UNCLASSIFIED

RUSSIAN, per, Vest Vos Flota, No 4, 1959, pp 52-
53.

Navy 2194/ONI 557

USSR
Mil
Sci - Med
Jul 59

92,799



S-104/60

(NY-3561).

The Effect of Ionizing Radiation on the Lipid
Composition of the Blood and Liver of the Rat, by
V. V. Nikol'skiy, N. A. Nakolayeva, L. M.
Chumakova, 7 pp.

UKRAINIAN, per, Ukrain Biokhim Zhur, Vol XXI, No 6,
Kiev, 1959, pp 877-882.

JPRS 5004

Sci - Chem
Jul 60

119,708

Jul 60

(DC-3508).

Revamping of the People's Educational System
Is an Epoch-Making Event in the Progress of the
People's Education, by Yi Nak-on, 7 pp.

KOREAN, par, Kulloja, No 11, 1959, pp 24-30.

JPRS 3312

FE - Korea
Soc - Education
Jun 60

117,209

(DC-3568).

Immediate Tasks of Newly Established Colleges
and Technical Schools, by Yi Nak-on, 5 pp.

KOREAN, par, Kodung Mit ~~SEK~~ Kisul Kroyuk,
No 10, 1959, pp 2-7.

JPRS 3312

FE - Korea
Soc - Education
Jun 60

117,204

Climate of the USSR. Climate of the
Free Atmosphere, by N. F. Kozlovskiy,
P. G. Tokar*, 263 pp.
MOSCOW, ON, All-Union SSR, All-Union Academy
of Sciences, No 8, 1959, pp 1-220.
170-17-03-339

N. F. Kozlovskiy

Sci - Earth Sci
Apr 65

278,338

The Structure of the Eastern Border of the
Western Siberian Plains, by P. K. Ivanchuk, Y. D.
Kalyuzhnikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3,
1958, pp 558-561.

Consultants Bureau

Sci - Geophys

Jan 59

79,345

The Use of 1-Mercaptopropionic Acid Derivatives
in Analytical Chemistry. Communication 2.
Photometric Determination of Palladium With
1-Mercaptopropionic-p-Phenastidide, by
A. I. Buzay, A. Baku, 6 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XVIII,
No 10, 1963, pp 1233-1238.

CB

Sci
Aug 64

264,804

Malbandyan, A. B. and Gorkan', N. I.
DETERMINATION OF THE RATE CONSTANT FOR
THE REACTION $H+CH_4 \rightarrow H_2+CH_3$ (Opredeleenie Kon-
stanty Skoroosti Reaktsii $H+CH_4 \rightarrow H_2+CH_3$). [1962]
[7]p. 8 refs.
Order from OTS or SLA \$1.10 63-15456

Trans. of Akad[emiya] Nauk Armyanskoi SSR
[Brevan]. Doklady, 1961, v. 33, no. 2, p. 49-52.

DESCRIPTORS: *Hydrogen, *Methanes,
*Formaldehyde, Ignition, Oxidation, Reaction
kinetics, Chemical equilibrium, Heat of activation.

(Chemistry--Physical, TT, v. 10, no. 6)

63-15456

I. Malbandyan, A. B.
II. Gorkan', N. I.
III. O'Callaghan, T. C.,
Associates,
Washington, D.C.

1244533

Office of Technical Services

Nalbandyan, A. B.

THE ACTION OF NITROGEN DIOXIDE ON THE
LOW-TEMPERATURE REGION OF IGNITION OF
HYDROGEN WITH OXYGEN. [1961] [5]p. 3 refs.

DSIR LLU M. 2601.

order from OTS or SLA \$1.10

61-23276

Trans. of Zhurnal Fizicheskoi Khimii (USSR) 1946,
20 [no. 11] p. 1283ff.

DESCRIPTORS: *Nitrogen compounds, *Dioxides,
chemical reactions, *Hydrogen, *Oxygen, ignition,
temperature, *Combustion.

chemistry--Physical, TT, v. 6. no. 4)

61-23276

I. Nalbandyan, A. B.

II. DSIR LLU M. 2601

Office of Technical Services

(NY-4847).

Explosive Properties of 'Gasless' Systems, by ~~XXXXXXXXXX~~
A. F. Belyayev, A. B. Halbandyan, 9 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XLVI, No 3,
1945, pp 113-116.

JPRS 7522

Sci - Chem
24 Jan 61

137,684

An Investigation of the Low Temperature Oxidation of Methane Initiated by Oxygen Atoms Formed in the Thermal Decomposition of Ozone, by N. A. Kleimanov and A. B. Halbandyan, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIXII, No 3, 1958, pp420-423.

Consultants Bureau

Sci

Dec 59

102,007

Kinetics and Mechanism of Methane Oxidation. III.
Detailed Mechanism of the Reaction, by L. V.
Karnilova, N. S. Enikolopyan, A. B. Malbandyan, 4 pp.

RUSSIAN, per, Zhur Fiz Khim, No 6, 1960, pp 1176-1185.

Cleaver-Euno Press

Sci

Apr 61

144,480

study, With the Aid of Labeled Atoms, of the Reaction Mechanism of the Oxidation of Methane. Mechanism of the formation of Carbon Monoxide, by I. N. Antonova, V. A. Iuzmin, R. I. Moshkina, A. B. Nalbandyan, M. B. Neiman, I. Peklisov, 4 pp.

JESIAN, bim per, Iz Ak Nauk SSSR, Otdel Khim Nauk, no 5, Sep/Oct 1955, pp 785-789. CIA 542763 C, reel 3

789-792

Consultants Bureau

ci - Chemistry

37,933

Aug 1956

The Kinetics and Mechanism of the Oxidation of
Methane. I. Fundamental Macrokinetic Laws, by L.V.
Karmilova, N.S. Enikolopyan, A.B. Malbandyan, 4 pp.

RUSSIAN, per, Zhur Fiz Khim, No 3, 1960, pp 550-558.

Cleaver-Hume Press

135,259

Sci
Jan 61

The Oxidation of Hydrogen, by V. V. Vasyevodskiy,
A. B. Nalbandyan, 20 pp.

~~RUSSIAN~~, ok, Kinetika i Tsepnuykh Reaktsiy
Okisleniya, 1950.

CIA/RDD/X-1520

Scientific - Chemistry

19,750

Oxidation of Hydrogen, by V. V. Voevodskiy, A. B.
Malbanyan, 35 pp.

RUSSIAN, bk, Kinetika Tsepykh Reaktsiy EN
Oksleniya, 1950, pp 11-37. *P*

CIA/PDD/10000

Scientific - Chemistry
CTS/DEK

12,226

The Mechanism of Low Temperature Oxidation of
Carbon Monoxide, by N. S. Enikolopyan, A. B.
Mal'bergman, 46 pp.

RUSSIAN, bk, Kinetika Tsepnykh Reaktsiy Oksleniya,
1950, pp 38-78.

CIA/FDD/X-1321

12,227

Scientific - Chemistry
CTS/DEX

The Action of Nitrogen Dioxide on the Low Temperature
Region of Ignition of Hydrogen and Oxygen Mixtures,
2 pp. by A. B. Nalbandian

RUSSIAN, per, J. Phys. Chem. (USSR) 20, 1283-85
(1946)

Avail Armed Services Tech
Info Agency as ATI 83148

1533

Scientific - Chemistry

The Measurement of the Coefficient of the Atomic
Hydrogen Recombination at Various Surfaces by the
Method of Determination of the Lower Ignition Limit
of the $2H_2 - O_2$ Mixture, 15 pp. by A. B. Halbandian
and S. M. Shubina

RUSSIAN, per, J. Chem. Phys. (USSR), 20, 1249-58,
(1946).

Avail Armed Services Tech
Infor Agency as ATI 83148

Scientific - Chemistry, Physics

1535

On the Interaction of Ozone with Methyl Hydroperoxide
by N. A. Kleimenov, A. D. Malbandian, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 1,
1958, pp 125-127.

Consultants Bureau

Sci - Chem
Dec 58

77451

The Photochemical Oxidation of Hydrogen II. Reaction
at High Temperatures, 20 pp. by A. B. Malbandian

TRANSLATION, per J. Phys. Chem. 20, 1259-72
(1956).

Avail Armed Services Tech Info
Agency as ADI 83148

Scientific- Chemistry, Physics

1544

The Photochemical Oxidation of Hydrogen III a
Contribution to the Theory of the Interaction of
Chains, 14 pp. by A. B. Malbassien

RUSSIAN, per, J. Pova. Chem. (USSR) 20, 1273-82
(1946)

Avail Armed Services Tech Info
Agency as ATI 83148

1549

Scientific - Chemistry, Physics

The Relation Between the Lower Limit of Auto-
ignition of Hydrogen-Oxygen Mixtures and
Composition, by O. A. Ivanov, A. B. Nalbandyan,
3 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol I, No 3,
1960, pp 337-339.

CB

Sci
Sep 61

168,538

The Mechanism of Photochemical Oxidation of Gaseous Hydrocarbons, by N. V. Fok, A. B. Melbandian.

RUSSIAN, bk, Voprosy Khimicheskoi Kinetiki Kataliza i Reaktsionnoi Spasobnosti, Akad Nauk SSSR, Moscow, 1955, pp 219-231.

Natl Res Council,
Canada TT No 748

Sci - Chem

Apr 60

112,629

Study of the Reaction Mechanism of the Oxidation
of Methane With the Aid of Labeled Atoms.
Communication 3. Place of Methanol in the
Mechanism of the Reaction, by R. I. Moshkina,
N. L. Galanina, A. B. Nalbandyan, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 10, 1959, pp 1725-1732.

CB

Sci.
Jun 61

157,972

Determination of the Rate Constant for the
Reaction Between Atomic Oxygen and Molecular
Hydrogen, by V. V. Azatyan, V. V. Vorobodskiy,
A. B. Malbandyan, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. ~~XXXXXX~~^X,
No 4, 1960, pp 864-867.

CB

Sci

Apr 61

149,156

Determination of the Rate Constants for Elementary
Reactions of Hydrogen Atoms with Hydrocarbons,
by H. I. Gorban', A. B. Malbendym, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII,
No 6, 1960, pp 1335-1338.

CB

Sci

Apr 61

149, 144

Paths for the Formation of Methyl Hydroperoxide and
Formaldehyde in the Low-Temperature Oxidation of
Methane, by N. A. Kleymanov and A. B. Malberdyan,
4 pp.

RUSSIAN, por, Dok Ak Nauk SSSR, Vol CCIV, No 1,
1959, pp 119-122.

Consultants Bureau

Sci

Feb 60

108,143

The Role of Ozone in the Initiation of the
Oxidation Reaction of Saturated Gaseous Hydro-
carbons, by N. A. Kleymenov, A. B. Salbardyan,
8 pp.

RUSSIAN, per, Ak Nauk SSSR Dok, Vol. CXVII,
No 1, 1958, pp 103-105.

SLA 59-10427

Sci-Chem
Jun 59
OZS I, 10

89,698

Kinetics and Mechanism of Methane Oxidation. II.
Kinetics of the Accumulation of Intermediate
Products, by L. V. Karmilova, N. S. Eniko-
lopyan, A. B. Nalbandyan, 2 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIV, No 6,
1960, pp 890-894.

Cleaver-Hume Press

Sci
Feb 61

140, 645

USSR/Sci/Chem/Oxidation/Methane/Photochemistry

C

Mechanism of the Photochemical Oxidation of Methane, by A.
B. Nalbandyan. ~~UNCLASSIFIED~~

RUSSIAN, per, Zhur Fiz Khim, Vol XXII, No 12, 1948.

CIA D 45032

AEC Tr 207

CIA/FD/X-88

PA 56/49T22

A8317

C June CTS

T/C and bk review

The Mechanism of Hydrogen Oxidation and Combustion,
by A. B. Nalbandiyan, V. V. Voevodskiy, 10 pp.

RUSSIAN, bk, Mekhanizm Okisleniya i Goreniya
Vodoroda, 1949.

SIR-2857

Head, Lib Sv Sec

Air Info Div, Lib Cong

A Study of the Kinetics of the Initial Stage of
Methane Oxidation, Catalyzed by Nitric Oxide,
by L. V. Karmilova, N. S. Eniko'lopyun, A. B.
Malbandyan, 14 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol. XXX, No 4, 1956,
pp 798-810. (235142)

Assoc Tech Sv

38

SLA

54,447

Sci - Chemistry

Oct 57

Investigation of the Oxidation of Methane with the
Aid of Labeled Atoms. Communication 2.
Mechanism of the Formation of Carbon Dioxide, by
R. I. Moshkins, A. B. Malhendyan, M. B. Heyman,
G. I. Felisov, 6 pp.

RUSSIAN, per Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 7, 1957, pp 801-805.

Consultants Bureau

Sci - Chem

May 59

87,017

TT-63-20807

Nalbandyan, A. B.
MECHANISM OF THE PHOTOCHEMICAL OXIDATION
OF METHANE. [K Mekhanizmu Fotokhimicheskogo
Oksleniya Metana]. [1963] [15p] 6 refs
Order from OTS, SLA, or ETC \$1.60 TT-63-20807

I. Nalbandyan, A. B.
II. SLA R-02190
III. NRCC TT-114

Trans. of [Zhurnal Fizicheskoi Khimii] (USSR)
1948, v. 22, no. 12, p. 1443-1453.
Other translations are available from SLA as R-02190,
14p; from NRCC as TT. 114.

DESCRIPTORS: *Methanes, Oxidation, *Photochemical
reactions, Reaction kinetics, Heat of activation,
Absorption, Oxygen, Mercury lamps, Hydrocarbons.

(Chemistry-Physical, TT, v. 11, no. 4)

Office of Technical Services

Mechanism of the Photochemical Oxidation of
Methane, by A. B. Halbandyan, 11 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXII, No 12,
1948, pp 1443-1453, also DAB-T-114

CIA D450325 AEC Tr 207

full translation available in CIA Lib on microfilm

USSR
Scientific - Chemistry

also Wilson Dan Trans 278.7

PA 56749T22

9827

Structure of the Peroxide Formed in the Mercury-Sensitized Photochemical Oxidation of Propane at Room Temperature, by N. V. Fok, A. B. Nalband'yan.

Full translation.

RUSSIAN, ~~the~~ ~~ice~~ ~~one~~ per, Dok Ak Nauk SSSR, Vol LXXIV, 1952, pp 1093-1095.

AEC Tr 1617

USSR
Scientific - Chemistry

Jul 53 CTS

4014

Photochemical Properties of Methane Sensitized by
Mercury: A Study of Intermediate Products,
by A. B. Halbandian.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LX,
No 4, 1948, pp 607-610.

Ref Info Sv R-559

Sci - Chemistry
Jan 1956/CTS No 77

30,535

53 Nassau St., New York 5, N.Y.

Y

RICHARDS, A. B.

Mechanism of Photochemical Sensitized Oxidation of
Propane

Reaction, PET, Doc A-150113, Vol. XVII, No 3, 1949.

404 K 203

PA 150113

98319

(BX-5071)

Certain Problems Connected With the Operation of
the New VHS Engineering Methods, by B. G.
Balbandyan, 10 pp.

RUSSIAN, per, Vestnik Svyazi, No 2, 1958.

JPRS 5906

Sci

Apr 61

143,295

(NY-4693)

The Delivery of Mail Through Mail Boxes With
Electric Signaling, by B. G. Malhardyan, 8 pp.

RUBSEAR, per, Vestnik Svyazi, No 4 (241), 1960.

JPRS 5428

Ser - Electron

Oct 60

131,003

(NY-4695)

Twenty-Number Test Instrument for All-Relay
Exchanges of Intrarayon Systems (ATS VRS), by
B. G. Halbandyan, 6 pp.

RUSSIAN, per, Vest Svyazi, No 6 (243), 1960, p 15.

JPRS 5517

Sci

Oct 60

128,361

(NY-5081)

Experience in Introducing Semiautomatic
Equipment at the Tambov MTS (Interur-
ban Telephone Exchange), by B. G.
Malbandyan, 5 pp.

RUSSIAN, per, Vestnik Svyazi, No 11,
1958.

JPRS 7016

174,932

Sol
Nov 61

(FID 23479)

How We Are Developing and Improving Communications
Facilities in the Rural Areas, by B. G. Malbendyan,

RUSSIAN, no par, Vest Soyuz, No 7 (172), Moscow,
Jul 1954, pp 18,19.

*CIA

/Tr 439

USSR
Econ - Communications

A8321

(NY-6825)

SOME PROBLEMS OF THE FURTHER DEVELOPMENT
OF TELEPHONE SERVICE IN RURAL AREAS, BY
B G NALBANDYAN, 3 PP.

RUSSIAN, PER, VESTNIK SVYAZI, NO 10,
1961

JPRS 12057

SCI
FEB 62

150,634

Electron Microscopy of the Sheaths and of
the Prismatic and Interprismatic Structures
of the Human Fetal Enamel, by J. Halburdyan,
R. M. Frank, ~~177~~ 1710.

~~177~~ 1710,
FRENCH, Bulletin du Groupement International
pour la Recherche Scientifique en Stomatologie,
Vol. V, No 4, 1962, pp 523-542.

HH 7-3-63

Sci - Biol & Med
Sep 63

344,325

USSR/Chem
Sci

Process of Oxidation and Combustion of Hydrogen,
~~The Mechanism of Hydrogen Oxidation and Combustion~~, by
L. B. Nalbandyan, V. V. Voedvoskiy, 181 pp.

RUSSIAN, Institute of Chemical Physics, Academy of
Sciences USSR, 1949.

AMC F-TS - 7329

RT-1158

~~Janets~~
31/1/51 Telecom

A8322.

avg. 15

Concerning the Effect of the Physiological State of a
Plant and Certain External Treatments on the Composition
of Photosynthetic Products, by T. P. Andreeva and E. I.
Malborchik, 4 pp.

RUSSIAN, three-mo per, Dok Ak Nauk SSSR, Vol CXIV,
No 3, 1957, pp 662-665.

Amer Inst of Biol Sci

58,310

Sci - Med

Feb 58

Feb 58

The Use of Graphite Electrodes in Electrically
Heated Glass Furnaces, by M. G. Manvelyan, A. F.
Melik-Ankhasaryan, K. A. Kostanyan, S. O.
Nalehadshyan, 8 pp.

RUSSIAN, per, Steklo i Keramika, Vol XIII, No 7,
1956, pp 1-7.

Consultants Bureau

Sci - Chem, Engr

Jun 59

90,519

Measurement of the Specific Resistance of Molten
Glass in Electric Furnaces, by S. O. Naichadzhyan,
K. A. Kestanyan, A. F. Melik-Akhnozaryan, 1 pp.

RUSSIAN, no per, Steklo i Keramika, Vol XIII, No 3,
Mar 1956, pp 7, 8.

Consultants Bureau

Scientific - Engineering

43,123

Feb 57 CTR

Experimental Work ~~XXXX~~ With Lathes for Diamond Finishing
of Components, by Nalchan, A. Gh.
6

RUSSIAN, per, Stanki i Instrument, 1950, Vol 21(3),
pp 6-9.

Sci Museum Lib No 50/2862

A5323

Sui Prodotti di Reazione del Pentaiodocarboniliridiato
(III) di Potassio con L'Ammoniaca e Con Ammine
Alifatiche, by Luciana Naldini,

ITALIAN, per Gazzetta Chimica Italiana, Vol XC,
1960, pp 1516-1521.

*AEC

Sci -
Aug 61
List 58

The Reaction Products of Penta-Iodocarbonyl Iodide
(III) R. H. of Potassium With Ammonia and the
Aliphatic M. Amines, by Luciana Naldini, 5 pp.

ITALIAN, per, Gazzetta Chimica Italiana, Vol. XC,
1960, pp 1516-1521. 9093630

AEC Tr-4784

177, 403

Sci - Chem
Dec 61

NEW HALOGEN CARBONYL PLATINUM II COMPOUNDS,
BY LAMBERTO MALATESTA, LUCIANA MALDINI,
10 PP.

ITALIAN, PER, GAZZETTA CHIMICA ITALIANA,
VOL XC, 1960, PP 1503-1515. 9008379

AEC TR-4706

SCI - PHYS

NOV 61

273,820

INFORMATION ON THE TRANSLATION OF
THE DOCUMENT, BY J. H. H. H. H. H.
THE DOCUMENT, BY J. H. H. H. H. H.
THE DOCUMENT, BY J. H. H. H. H. H.
THE DOCUMENT, BY J. H. H. H. H. H.

THE DOCUMENT, BY J. H. H. H. H. H.
THE DOCUMENT, BY J. H. H. H. H. H.
THE DOCUMENT, BY J. H. H. H. H. H.
THE DOCUMENT, BY J. H. H. H. H. H.

107.1000

63-20394

I. Nalecz, M.
II. Patent (Poland) 44 034

Nalecz, Maciej.
A METHOD FOR MEASURING DISPLACEMENTS,
MECHANICAL VIBRATIONS AND OTHER NON-
ELECTRICAL QUANTITIES BY THE USE OF HALL'S
PHENOMENON. [1968] [5p]

Order from OTS or SLA \$1.10

63-20394

Trans. of Polish patent 44,034, cl. 42 c, 42, pub.
30 Dec 60.

DESCRIPTORS: *Meters, *Hall effect, Semiconductor
devices, Magnetic fields, Vibration.

The invention involves a method for measuring dis-
placements and electrical vibrations using Hall's
phenomenon where the movement of a semiconductor
plate in a magnetic field is caused directly by the
measured object or a mechanical system. The zero
value of Hall's potential is regulated by position of the
(Engineering--Electrical, T7, v. 10, no. 12) (over)

Office of Technical Services

(NY-6349)

Age-Related Changes in the Reactivity of
Animals to Sodium Amytal, by A. V. Nalegatskaya,
4 pp.

RUSSIAN, par, Farmakol i Toksikol, Vol XXIV,
No 1, 1961, pp 30-32.

JPRS 9575

Sci - Med

Jul 61

160,564